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To Victor Ketellapper/EPR/R8/USEPA/US@EPA

cc "Salas, Jason S - Environmental Health"
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bcc

Subject VB/I-70 Final Work Plan and Budget



1081388 - R8 SDMS

History:

This message has been replied to.

Victor-

Here is the final version of our work plan and budget document for your review, with the changes you suggested in your email earlier this week.

Thanks!

Elizabeth Schiffman
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FINAL VB-I70 CHP 4 Work Plan and Budget.doc

**VASQUEZ BUELEVARD / INTERSTATE 70 SUPERFUND SITE
OPERABLE UNIT 1 – RESIDENTIAL SOILS
COMMUNITY HEALTH PROGRAM YEAR 4:
INSTITUTIONAL CONTROLS AND MODEL PROGRAM GUIDE**

PURPOSE

The purpose of this Cooperative Agreement is for the Community Health Program (CHP), administered by the City and County of Denver (the City), Department of Environmental Health (DEH), to assist the EPA in achieving two goals:

- Establish and maintain institutional controls for residential soils at the Vasquez Boulevard/Interstate 70 Superfund Operable Unit 1 (VB/I-70) Site; and
- Develop a ‘Guide for Developing and Implementing a Community Outreach Program’.

BACKGROUND AND STATEMENT OF NEED

The EPA, in cooperation with the Colorado Department of Public Health and Environment (CDPHE) and the City, conducted a clean-up of those residential soils within the VB/I-70 site that had elevated concentrations of lead and/or arsenic, in accordance with the September 23, 2003 Record of Decision (ROD). The site includes 4,863 residential properties, with 809 of those sampled requiring clean-up.

In order to carry out the cleanup, the EPA received access to properties from property owners, took samples of the soil, and tested it for lead and arsenic contamination. At those properties where EPA found soil contamination which met or exceeded the thresholds set out in the ROD, the agency also asked owners for permission to remove and replace the contaminated soil. The EPA, in collaboration with the CHP, made multiple attempts to contact the property owners, using both mail and home visits at the residence.

When the clean-up was complete, a small number of property owners had not provided voluntary access enabling the EPA to conduct the sampling and clean-up actions that the Record of Decision specified. As a result, the EPA has developed institutional controls to identify these properties, and therefore lessen the risk of potential exposure to current and future residents.

In order to implement these institutional controls, EPA is asking the City to do the following for all properties within the VB/I-70 site for which it was unable to complete the Remedial Action:

1. Notify property owners and residents annually of all properties not addressed by the Remedial Action;
2. Conduct soil screening for properties at the request of property owners;
3. Provide health information concerning lead and arsenic exposure; and

4. Add these properties to the appropriate city databases so that contractors and/or homeowners seeking a building permit are notified of the potential contamination issues.

In addition to soil sampling and remediation, the EPA and the City developed and implemented a Community Health Program for communities within the VB/I-70 site. The CHP was unique in that it combined the community health worker model with traditional site remediation activities, an approach that had not been previously attempted in the EPA CERCLA Program. The Program has received local and national attention, not only from the EPA, but by other government agencies and non-profit organizations. The EPA feels that the CHP may serve as a model for other programs, and as such, should be fully documented and evaluated. When complete, the program components and 'lessons learned' from the CHP's experience can be transferred and applied to a wide array of programs in other communities and settings both within the City of Denver and elsewhere.

In order to achieve this, the EPA is asking the City to:

5. Document and evaluate the CHP; and
6. Create a guide for developing and carrying out an effective and sustainable education and outreach program, capable of addressing an array of issues in other communities and settings.

TECHINICAL APPROACH

The City Project Team (the Team) will conduct several general tasks to achieve each of EPA's two goals.

Goal One: Establish and maintain institutional controls for residential soils at VB/I70 OU1

The Team will do this for each of two types of residences for which the EPA was unable to complete the Remedial Action. This will be accomplished by completing four general tasks.

The two types are:

- Priority 1: Properties that have been sampled and found to have elevated levels of lead and/or arsenic, but which have not been remediated; and
- Priority 2: Properties that have not been sampled.

Although the specific work activities will differ somewhat for each of these two types, the Team will accomplish six general tasks:

- Task 1.1 Develop a detailed field implementation plan

- Task 1.2 Notify owner and resident annually
- Task 1.3 Screen soils
- Task 1.4 Provide health information to the community
- Task 1.5 Providing support as appropriate for developing an interagency 'Property Flagging System'
- Task 1.6 Inform residents of site communities proactively regarding the 2008-2009 work activities and completion of the VB/I70 OU1 Program

More specifically, these general tasks will involve the following:

- Task 1.1: The Team will develop a schedule for conducting the three phases of fieldwork, i.e., planning, implementation, and close-out. The Team will evaluate progress during each phase and make adjustments as necessary.
- Task 1.2: The Team will create a notification letter for property owners and residents to inform them of its status, mailing an initial letter in 2008 and a final notification in 2009. This task also includes making a follow-up visit to each property in an effort to contact the residents and provide educational health information. The team member conducting the follow-up visit will utilize the PDA technology piloted by the CHP in previous years and the data will be transferred into the CHP database and reviewed/analyzed accordingly.
- Task 1.3: The Team will develop a protocol for soil screening using an XRF instrument, and provide soil screening if requested by the property owner. Screening will not be offered to those properties that the EPA has already sampled and found contaminated (Case 1), and whose owners declined remediation. Screening will be offered only during the 2008-2009 period of performance for this Cooperative Agreement.
- Task 1.4: The Team will develop a packet of health information directed at the owner and/or residents of both types of properties. The information will differ from that previously offered by DEH in that it will focus on potential contamination issues and the lifestyle changes that can reduce the risk of exposure to lead and arsenic. This information packet will be available to the owner and/or residents at the time of the initial home visit, the soil screening, or at their request. Arrangements will be made so that inquiries of other departments (see Task 1.5) as to the status of these properties are directed to DEH and the packet provided at that time.
- Task 1.5: The Team will coordinate with EPA in the development and implementation of a system that will 'flag' the previously unaddressed properties in the databases of other appropriate city departments (Building and Construction Permits, Assessor's Office).

ESTIMATED BUDGET

The Goal One estimates are based on the level of effort and costs required for conducting similar activities during the previous three years of the CHP. The budgetary numbers for Goal Two are estimates based on the expected final product and the work required to produce it. The budget is fully funded by the VB/I-70 CHP Grant “carry-over” dollar. It should also be stated that there will be no additional funds made available for the completion of this project, and all work specified will be completed within the limits stated here.

CATEGORY	GOAL 1: INSTITUTIONAL CONTROLS	GOAL 2: PROGRAM GUIDE	TOTAL
PERSONNEL (SALARY AND FRINGE)	\$81,130	\$112,104	\$193,234
Berenice Ornelas	\$23,182	\$35,000	\$58,182
Edgar Ornelas	\$19,389	\$2,100	\$21,489
Jay Salas	\$17,958	\$26,937	\$44,895
Elizabeth Schiffman	\$20,601	\$48,067	\$68,668
TRAINING	\$750	\$750	\$1,500
PRINTING	\$1,500	\$500	\$2,000
MAILING	\$1,800	\$200	\$2,000
SUPPLIES *	\$35,000	\$400	\$35,400
TRAVEL	\$4,000	n/a	\$4,000
APHA Conference	\$3,300	n/a	\$3,300
CEHA Conference	\$700	n/a	\$700
MILEAGE	\$200	\$100	\$300
CONTRACTOR	\$10,590	\$19,410	\$30,000
SUB-TOTAL/TOTAL	\$134,370	\$133,464	\$264,834

* Includes purchase of XRF to conduct soils screenings.

CONSULTANT BIO

George Weber, Inc. Environmental

George Weber is a consultant with more than 30 years of experience specializing in environmental policy analysis, planning, and implementation; stakeholder involvement and training; natural resource management; and community development and regional planning. He has managed or participated in more than 50 projects supporting federal, Tribal, state, and local government agencies, and business and special interest group clients. He has authored, coauthored, or directed development of more than 60 reports and publications, and has planned and conducted, presented, or facilitated at 19 conferences, workshops, panels, or significant meetings.

Recent projects have addressed Superfund Site clean-up, National Environmental Policy Act implementation, and Homeland Security and emergency response planning. He has particular expertise in public participation and stakeholder involvement. A unique aspect of the latter is that he has developed and applied an approach for researching, analyzing, and facilitating development of collaborating networks of stakeholders to address shared problems, particularly relating to carrying out environmental policies and projects. Much of Weber's work during the past twenty years has applied this stakeholder assessment and mobilization approach to supporting local, state, Tribal, and federal Safe Drinking Water, Ground Water, and Clean Water programs.

George Weber, Inc. has been supporting the VB/I-70 Superfund Clean-up over the past several years by:

- Assisting in developing the Feasibility Study and Record of Decision for VB/I-70 OU3, particularly conducting the community relations for the project.
- Planning and facilitating the VB/I-70 OU1 Working Group, by providing a forum for community representatives, the City, and other state and local governmental agencies to provide input to EPA about environmental clean-up requirements at the VB/I-70 Site.
- Applying its 'stakeholder assessment and mobilization' approach to develop an assessment of and strategy for mobilizing VB/I-70 stakeholders. The assessment had three goals: (1) Identify influential community leaders and organizations in the varied communities within the VB/I-70 Site that EPA had not identified already; (2) Develop a strategic action plan for obtaining the support and involvement of this community leadership in Program implementation in order to obtain full participation of Site residents, while avoiding existing and potential conflicts among the different communities and groups within the Site; and (3) Provide an example of an analytical approach to involving stakeholders that could be used synergistically with the standard, largely descriptive, EPA Community Relations approach that could be transferred and applied to other efforts addressing environmental issues in other communities and settings.